

BULLET SEWAGE EFFLUENT PUMP

INSTALLATION AND OPERATION GUIDE



Maximum cable length specified for each horsepower size and minimum AWG cable wire size means the total distance from the submerged pump motor to the electrical motor control box/power source as illustrated in chart below.

HP	Wire	Volts	Phase	Max. Amps	Max. Cable Length in Ft. Using AWG Cable Size					
					#14	#12	#10	#8	#6	#4
¼	2	115	1	10.0	100'	160'	250'	390'	620'	960'

The bullet pump warrantee is void if under-sized AWG cable is used or if cable lengths longer than specified for each cable wire size are used.

4. Check for nicks in the wire and pump insulation by using an ohm meter and checking resistance to ground before installing the pump and after installing pump. If in doubt on the proper procedure check with a qualified electrician.

No. of Wires	HP	Volts	PH	Ohms Resistance Black to Black
2	¼	115	1	1.0-1.3

TROUBLE- SHOOTING

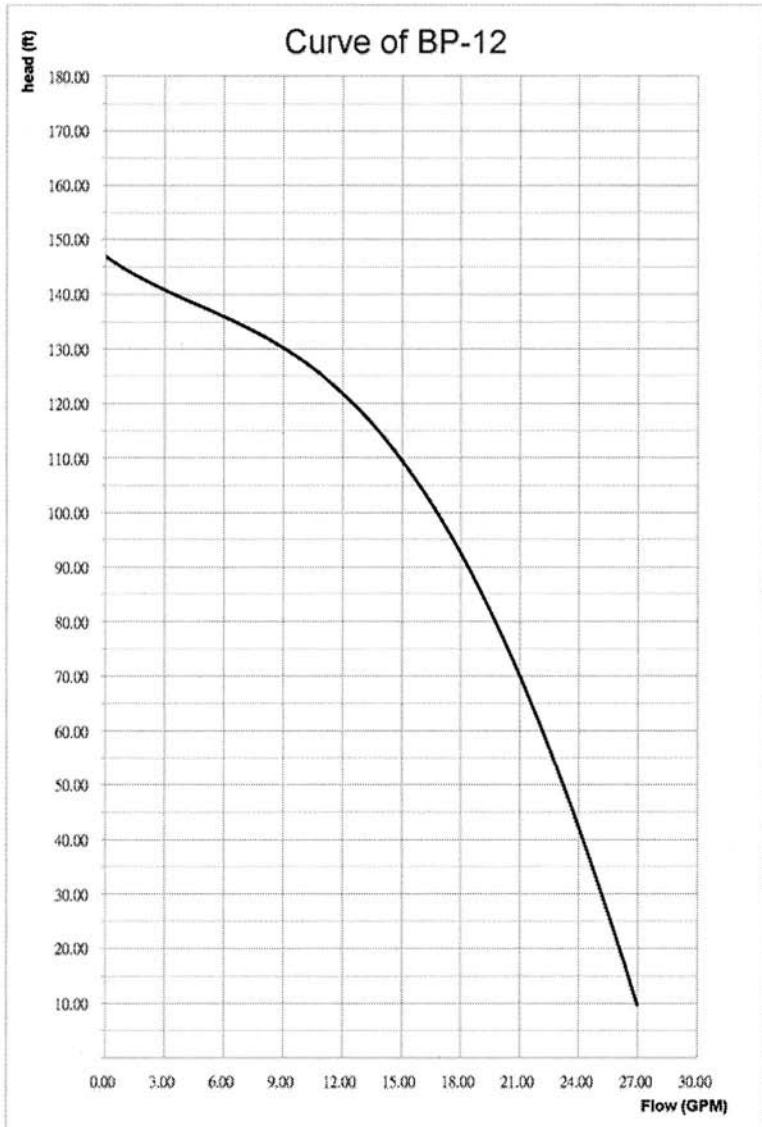
A large amount of service calls are electrical in nature. Never operate the Bullet pump with the discharge valve closed.

PROBLEM	PROBABLE CAUSE	SOLUTION
Pump doesn't run	Blown fuse/breaker, bad or poor Electrical connections	Check fuse/ breaker and all electrical connections.
	Motor overload protection tripped	When motor cools it will restart.
	Improperly wired	Check wiring diagram
	Low Voltage	Check voltage at control box and Pump (min 115v)
Pump runs, but won't pump water	Check valve backwards	Reverse and re-install check valve
	Pump impeller plugged or intake Strainer clogged.	Pull pump and clean
Reduced flow	Strainer screen clogged	Pull pump and clean
Still don't work	All the above has been checked, but It still won't work.	Call your local Bullet Pump dealer or Local serviceman

WARANTEE PROVISIONS

1. The Bullet Pump is warranted for **18 months** from the date of purchase provide that:
 - a) It is operated in accordance with the instruction manual.
 - b) Any repairs to the pump, which must be accompanied by this certificate, are performed by the dealer from which it was purchased.
2. Though the warrantee period may not have expired, payment for repairs must be made in the following cases:
 - a) When the fault is due to improper usage or repairs have been attempted by persons other than an authorized dealer.
 - b) When due to fire, natural disaster, water damage or incorrect voltage.
 - c) If the warrantee has been lost, incorrectly completed or details fraudulently changed.

Performance curve



Performance curve

